

SEQUENCE LISTING

<110> Brett P. Monia
Lex M. Cowser
Kenneth W. Dobie

<120> ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 6 EXPRESSION

<130> PTS-0009

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<222> (352) ... (1497)

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Met Ile

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Asp Thr Leu Arg Pro Val Pro Phe Ala Ser Glu Met Ala Ile Ser Lys
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acg gtg gcg tgg ctc aac gag cag ctg gag ctg ggc aac gag cgg ctg 453
Thr Val Ala Trp Leu Asn Glu Gln Leu Glu Leu Gly Asn Glu Arg Leu
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ctg ctg atg gac tgc cgg ccg cag gag cta tac gag tcg tcg cac atc 501
Leu Leu Met Asp Cys Arg Pro Gln Glu Leu Tyr Glu Ser Ser His Ile
35 40 45 50

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Glu Ser Ala Ile Asn Val Ala Ile Pro Gly Ile Met Leu Arg Arg Leu
55 60 65

cag aag ggt aac ctg ccg gtg cgc gcg ctc ttc acg cgc ggc gag gac 597
Gln Lys Gly Asn Leu Pro Val Arg Ala Leu Phe Thr Arg Gly Glu Asp
70 75 80

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Arg Asp Arg Phe Thr Arg Arg Cys Gly Thr Asp Thr Val Val Leu Tyr
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Asp Glu Ser Ser Ser Asp Trp Asn Glu Asn Thr Gly Gly Glu Ser Leu
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ctc ggg ctg ctg ctc aag aag ctc aag gac gag ggc tgc cgg gcg ttc 741
Leu Gly Leu Leu Lys Lys Leu Lys Asp Glu Gly Cys Arg Ala Phe
115 120 125 130

tac ctg gaa ggt ggc ttc agt aag ttc caa gcc gag ttc tcc ctg cat 789
Tyr Leu Glu Gly Gly Phe Ser Lys Phe Gln Ala Glu Phe Ser Leu His
135 140 145

tgc gag acc aat cta gac ggc tcg tgt agc agc agc tcg ccg cgg ttg 837
Cys Glu Thr Asn Leu Asp Gly Ser Cys Ser Ser Ser Pro Pro Leu
150 155 160

cca gtg ctg ggg ctc ggg ggc ctg cggt atc agc tct gac tct tcc tcg 885
Pro Val Leu Gly Leu Gly Gly Leu Arg Ile Ser Ser Asp Ser Ser Ser
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Asp Ile Glu Ser Asp Leu Asp Arg Asp Pro Asn Ser Ala Thr Asp Ser
180 185 190

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Asp Gly Ser Pro Leu Ser Asn Ser Gln Pro Ser Phe Pro Val Glu Ile
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Leu Pro Phe Leu Tyr Leu Gly Cys Ala Lys Asp Ser Thr Asn Leu Asp
215 220 225

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Val Leu Glu Glu Phe Gly Ile Lys Tyr Ile Leu Asn Val Thr Pro Asn
230 235 240

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Pro Ile Ser Asp His Trp Ser Gln Asn Leu Ser Gln Phe Phe Pro Glu
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Ala Ile Ser Phe Ile Asp Glu Ala Arg Gly Lys Asn Cys Gly Val Leu
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Val His Cys Leu Ala Gly Ile Ser Arg Ser Val Thr Val Thr Val Ala
295 300 305

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<223> PCR Probe

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<210> 8

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<222> (352) ... (1059)

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tcatttgcgg agatttatttgc acactaagag ccagcgctgc agctggtgca gagagaacct 180

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Met Ile

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Thr Val Ala Trp Leu Asn Glu Gln Leu Glu Leu Gly Asn Glu Arg Leu
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Leu Leu Met Asp Cys Arg Pro Gln Glu Leu Tyr Glu Ser Ser His Ile
35 40 45 50

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Glu Ser Ala Ile Asn Val Ala Ile Pro Gly Ile Met Leu Arg Arg Leu
55 60 65

cag aag ggt aac ctg ccg gtg cgc gcg ctc ttc acg cgc ggc gag gac 597
Gln Lys Gly Asn Leu Pro Val Arg Ala Leu Phe Thr Arg Gly Glu Asp
70 75 80

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Arg Asp Arg Phe Thr Arg Arg Cys Gly Thr Asp Thr Val Val Leu Tyr
85 90 95

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100 105 110

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115 120 125 130

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Tyr Leu Glu Asp Glu Ala Arg Gly Lys Asn Cys Gly Val Leu Val His
135 140 145

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Cys Leu Ala Gly Ile Ser Arg Ser Val Thr Val Thr Val Ala Tyr Leu
150 155 160

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Tyr Gln Val Asp Ser Leu Gln Ser Thr			
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